

Manhole Inspection Summary

Manhole # S17GG1012MH

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Inspection Is Incomplete Rating: **4) Poor**

Record Plat: **17GG1** Node: **012** Status: **Found**

Insp Date: **4/3/07 12:52 PM**

Incomplete Comments

Crew: **JJ, SP, DP**
Inspector: **Jensen, J**
Firm: **RKK**

Location Address: **4104 GREENSPRING AVE**

Cross Street: **DERBY RD**

Manhole Type: **Junction** Location: **Roadway**

Ground Conditions: **Dry**

Prev. Rehab Weather: **Dry**

Subject To Ponding: **Sheeting**

Comments

Cover Shape: **Circular** Diameter: **30** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary** Condition: **Sound** Cover Material: **Cast Iron**

Properties: Bolted Vented Water Tight Water Tight Insert

Frame Offset: **0** (in.) Condition: Sound Cracked **Leaks**

Chimney / Frame Adjustment Exists Material: **Brick** Parged Height: **12** (in.)

Condition: Sound Cracked Root Intrusion Loose Brick **Deteriorated**

Infiltration: None **Joint** Cracks **Mortar** Roots Wall

Corbel Material: **Brick** Parged Type: **Concentric/Eccentric**

Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated

Infiltration: None Joint Cracks Mortar Roots **Wall**

Barrel Material: **Brick** Parged

Shape: **Circular** Diameter: **48** (in.) Length: (in.)

Condition: Sound Cracked Root Intrusion Loose Brick **Deteriorated**

Infiltration: None Joint Cracks **Mortar** Roots Wall

Bench Exists Material: **Brick** Parged **Debris** (not Condition related)

Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris

Channel Material: **Brick** Parged **Debris** (not Condition related)

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: Sound Cracked Root Intrusion **Deteriorated** Leaks Debris

Steps Count: **4** Missing: **0** Corroded

Surcharge Evidence Of Surcharge Depth: (ft.) Active Surcharge Present

Location View



Top View



Bench and Channel debris.

Defect



Frame leaks. Adjustment, Corbel and Barrel infiltration.

Defect



Frame leaks. Adjustment deterioration and infiltration. Corbel and Barrel infiltration - other side.

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8 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** Pipe Lined

Invert Depth: **12.52** (ft.) Flow Characteristics: **None**

Deposits: None Mud Sludge Debris Grease

Silt Depth: (in.) Deposits Extent:

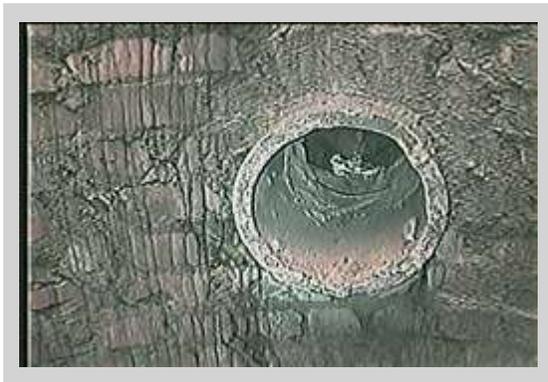
Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 3 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** Pipe Lined

Invert Depth: **7.41** (ft.) Flow Characteristics: **None**

Deposits: None **Mud** Sludge **Debris** Grease

Silt Depth: **1** (in.) Deposits Extent: **Light**

Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop In @ 3 O'Clock



Barrel deterioration and infiltration. Channel deterioration.

Drop: **Outside Rod and Bar**

Angled: **Yes** Reading: **11.33** (ft.)

Inv Depth: **12.33** (ft.)

Drop Condition: **Open**

Connects To: **Manhole**

Possible Illicit Connection

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6 in. Circular Gravity Sewer

Pipe In @ 7 O'Clock



Rod and Bar (Angled)

Pipe Material: **PVC** Pipe Lined

Invert Depth: **11.43** (ft.) Flow Characteristics: **None**

Deposits: None Mud Sludge Debris Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Broken**

Drop: **None**

Connects To: **House connection / Service line**

Possible Illicit Connection

8 in. Circular Gravity Sewer

Pipe In @ 10 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** Pipe Lined

Invert Depth: **12.26** (ft.) Flow Characteristics: **None**

Deposits: None Mud Sludge Debris Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Manhole**

Possible Illicit Connection